Plenary Session 2 – Identifying Those At Risk

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

Ms. Debra Carney
Compliance Officer
Iowa Department of Transportation

Dr. Loren Staplin
Managing Partner
TransAnalytics, LLC

Medical Referral and Review in Iowa

Current Practices and Opportunities For Improvement

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

Medical Referral Process

- Re-Exams

- Line Exams

Re-Exams

- Accident Involvement

- Requests for Reexamination

    - Law Enforcement Requests

    - Citizen Requests

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

Line Exams

- Examiner Screening

- Customer Request

Referral Outcomes

- Issue license

- Require knowledge and road tests

- Sanction driving privileges

- Refer to MAB

- Special permits for driving evaluations

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa
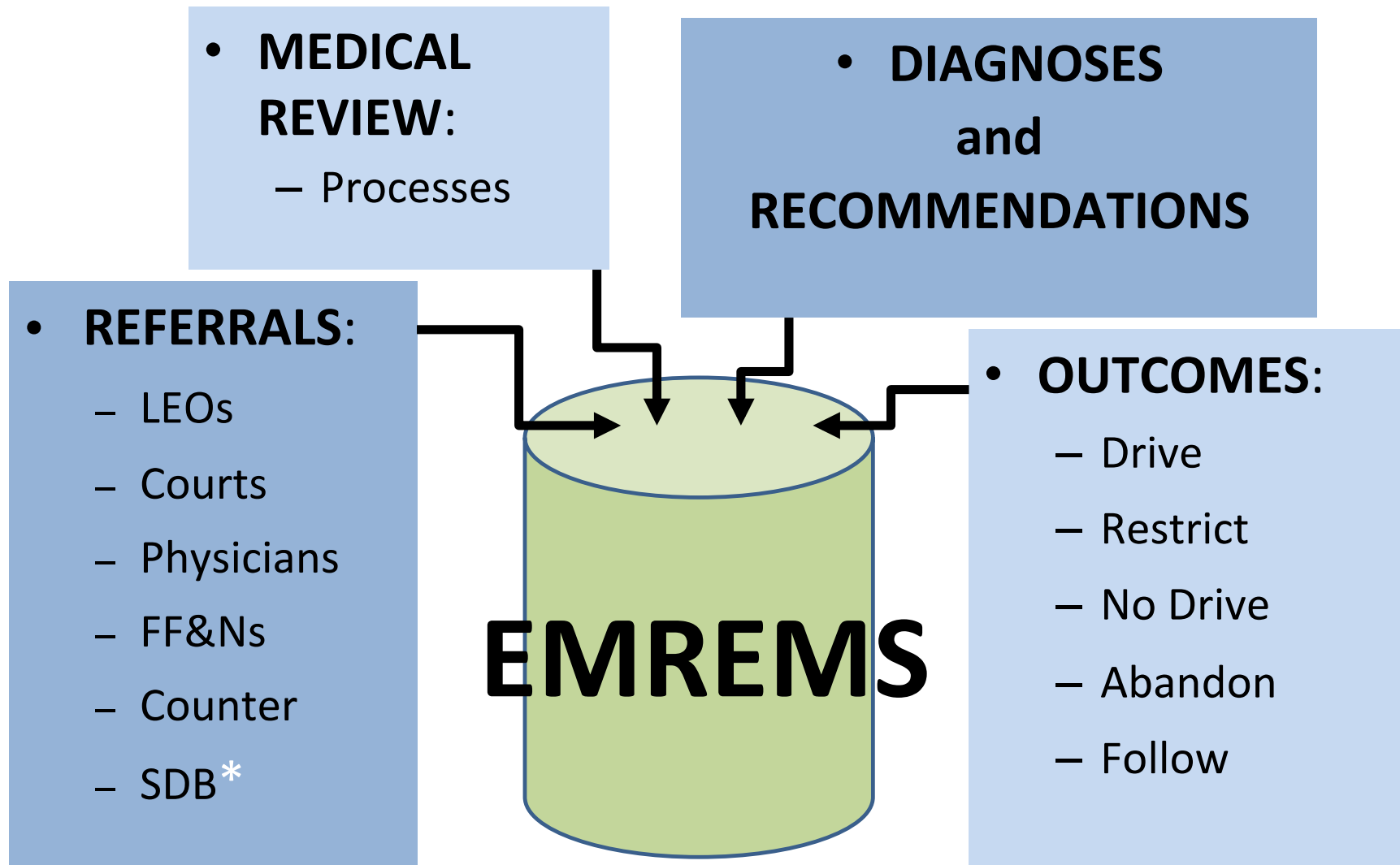
Goals For EMRENS

- Automated referral requests

- Case information in one program

- Identify referrals and outcomes

    - By medical condition, county, etc

    - Track trends in medical conditions and demographics/drivers by county

- Specific training for MVD staff and law enforcement

    - Will help identify drivers who should be referred

- Cognitive screening tool

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

Demonstration Project -- Key Elements

- Develop, implement, and carry out a year-long demonstration of a new tool, an "**Enhanced Medical Referral and Evaluation Management System**" [EMREMS], in Iowa.

- In a single database we plan to:

  - Capture all Referrals by source and type

  - Capture all resulting Medical Review processes

  - Capture all Diagnoses and Recommendations

  - Capture all Outcomes

  - Reveal relationships (via query) between Referrals and Outcomes

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

EMREMS Overview

- **MEDICAL REVIEW**:
  - Processes

- **DIAGNOSES and RECOMMENDATIONS**

- **REFERRALS**:
  - LEOs
  - Courts
  - Physicians
  - FF&Ns
  - Counter
  - SDB*

- **OUTCOMES**:
  - Drive
  - Restrict
  - No Drive
  - Abandon
  - Follow

EMREMS

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

Specific Information Provided by EMREMS

LEO: What happened to that guy I referred for medical review?

MAB: What Medical Review outcomes result from which types of referrals?

Licensing: How do counter referrals stack up against others?

Courts: How often do our referrals result in a restricted license?

Administration: What is the rate at which referrals from friends, family, or neighbors result in licensing intervention?

Administration: Which referrals result in the longest processing?

EMREMS

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

A successful Demonstration Project will …

- Support greater feedback to Law Enforcement and other referral sources.

- Bolster the value of, and justification for, in-person renewal of vulnerable drivers.

- Enhance the availability of information for operations and for policy development.

- Enhance the responsivity of the medical review system.

- Examine the value of a brief cognitive screen in licensing operations.

- Produce a User Manual and System Maintenance document-ation that supports continued use of EMREMS in Iowa, and export to other interested States.

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa

Project Milestones*

- Design EMREMS to allow application within Iowa IT systems (May/June 2013)

- Develop EMREMS software including SDB (Oct/Nov 2013)

- Counter personnel training (April/May 2014)

- Implement EMREMS statewide for one year (May/June 2015)

- Independent evaluation of EMREMS implementation (Oct 2015)

- System documentation and final report (Nov 2015)

* Planned completion dates

Enhanced Medical Referral and Evaluation Management System (EMREMS) in Iowa